Command Start

TWO-WAY LCD AUTOMATIC TRANSMISSION
REMOTE STARTER COMBO WITH FULL
ALARM SYSTEM

CS-580*i* FM

User Guide

A note concerning the battery inside the transmitter:

Depending on the usage of the transmitter, the battery can last anywhere between 3 to 6 months. When the battery is low, the transmitter will emit two beeps in a repetitive cycle. At that point you should replace the battery with a new one. That is why we recommend that you keep a spare battery somewhere handy such as the glove compartment.

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Introduction

This System is a state-of-the-art remote car starter and alarm combo system. The system is packed with advanced features such as priority access to the driver's door and Car Finder (commodity features), last armed state memory in case of power failure (which ensures that the vehicle remains protected after a power failure recovery) and the Safe Start children safety feature.

With many advanced functions, this product will satisfy any one your expectations from high-end commodity and security systems, without neglecting any standard feature commonly offered by entry-level starters.

Remote-Starting Your Vehicle

Remote-starting

Press the **START/STOP** button for approx. 1 second. The parking lights will come **ON** and the remote control will play a melody to inform you that the System has received your signal. Approximately 5 seconds later, the engine will start. The parking lights will remain **ON** during the pre-programmed run time of the engine.

If the vehicle does not start at the first attempt, the system will shut down, wait a few seconds and try to start the engine again. There will be 3 start attempts before the system gives up.

Vehicle Presets

Heater & Heated Seat

When leaving the vehicle it is recommended to preset the accessory controls in preparation for the next remote start. Settings for the blower motor (fan), front and rear, as well as heated seats (if equipped) should not be left on **HIGH**. It is recommended to leave the settings on **LOW** or **MEDIUM** instead.

Windshield Wipers & Radio & Headlights

Certain vehicles require the radio and / or windshield wiper and / or headlight circuits to become energized while running under remote start. When leaving the vehicle you must ensure that the windshield wiper and headlight switches are **OFF**. Leaving the headlight switch **ON** on certain types of vehicles could cause them to remain **ON** even after remote starter shut down, resulting in a dead battery.

Driving Off

With the vehicle running under remote control, press the **UNLOCK** button to disarm and unlock the doors. Enter the vehicle and do the following:

Turn the ignition key to the **IGNITION ON (RUN)** position. (**Do not turn the key** to the **CRANK** position while the engine is running. This would cause the starter motor to re-engage.)

Press the brake pedal to disengage the remote starter unit.

You are now ready to drive off.

Using the System

Arming and Disarming the System

To disarm the alarm and Starter Kill (if installed) and unlock the doors (if installed):

1. Press and hold the **UNLOCK** button for approx. 1 sec.

   You will hear **two chirps** if the Siren or Horn is so configured.

The icon will light up on the LCD display of the remote control. The parking lights will **flash twice** and the L.E.D. will go out to confirm that the doors have been unlocked and that the Starter Kill (if installed) and the alarm are disarmed.

In Passive Mode, the System will rearm automatically 30 seconds after unlocking unless the key is meanwhile inserted in the ignition switch (see description of **Passive Mode** later in this Guide).

To arm the alarm and Starter Kill (if installed) and lock the doors (if installed):

1. Press and hold the **LOCK** button for approx. 1 sec.

   You will hear **one chirp** if the Siren or Horn is so configured.

2. The icon will light up on the LCD display of the remote control. The parking lights will **flash once** and the L.E.D. will flash slowly to confirm that the doors have been locked and that the Starter Kill feature (if installed) and the alarm are armed.

Idle Mode

Convenience feature: Idle Mode allows you to keep the engine running and the doors locked while you stop, for example, at a convenience store or for a short delivery.

This feature allows you to let the remote starter take over control of the vehicle (i.e. no Key in the Ignition Switch) while the engine is running. For example, if you stop for a delivery or at a convenience store, lock your vehicle and leave it running for the length of a run cycle while you are away.

To leave the vehicle in Idle Mode:

1. With the engine running, press the **LOCK** or **UNLOCK** button (to unlock the doors) or the **START/STOP** button on the remote control until the parking lights come on.

Remove the key and exit the vehicle. The engine will go on running.

Lock the doors if needed.

The engine will go on running until the user re-enters the vehicle or until the expiration of the Engine Run Time.

Caution!!! Do not leave children or pets unattended in a vehicle standing in Idle Mode.

Turbo Mode

If Turbo Mode is configured at installation, it will allow a turbocharger to idle down after the user leaves the vehicle: the unit will take over the vehicle and keep it running for 60 seconds (or until it is shut down by remote control), then shut down the engine.

Proceed as follows to set the system to Turbo Mode:

1. With the engine already running, press the **LOCK** button on the transmitter until the parking lights come **ON**.

Remove the ignition key from the ignition switch. **The engine will go on running.**

Exit the vehicle and close the door.

Press the TRUNK button to lock the doors; the engine will shut down after 60 seconds of Turbo Mode.

Valet Mode with the Valet Switch

When your vehicle is in Valet Mode, the remote starter functionalities are disabled. If the vehicle needs to be serviced, or if you park it indoors, the Valet Mode will prevent the engine from being remote-started accidentally.

To put the system into Valet Mode with valet switch:

1. Turn the ignition key to the **IGNITION ON (RUN)** position.
2. Within 3 sec., press the valet button (the L.E.D. will come **ON** solid).

To take the system out of Valet Mode with valet switch:

1. Turn the ignition key to the **IGNITION ON (RUN)** position.
2. Within 3 sec., press and release the valet button (the L.E.D. will come **OUT**).

Note: Once Valet Mode is activated, the remote starter and alarm functions will be disabled.

Ignition Valet

This feature will allow you to remotely put your system into Valet Mode by using the ignition key instead of the Valet button as above. Ignition Valet can be used without a Valet button installed.

To put the system into Ignition Valet Mode:

Insert the ignition key into the ignition switch. Within 10 sec.,
turn the key 5 times successively into the **IGNITION ON / RUN** and **OFF** positions.
The parking lights will flash three times to indicate that the vehicle is now in Valet Mode.
The L.E.D. will come **ON** solid.

To take the system out of Ignition Valet Mode:

Insert the ignition key into the ignition switch. Within 10 sec.,
turn the key 5 times successively into the **IGNITION ON / RUN** and **OFF** positions.
The parking lights will flash twice to indicate that the vehicle is now in Valet Mode.
The L.E.D. will go out.

Note: With the Remote Valet activated, the remote starter and alarm functions will be disabled.

Start Attempts Indicator (Valet Mode)

This reveals start attempts made while the vehicle was in **Valet Mode**. The parking lights will:

Come **ON**, go **OUT**; then
Flash **twice**.

"Home Valet™" Mode

If configured at installation, this feature will remotely set the vehicle to a no-remote-start mode: if the vehicle is parked indoors there is no danger of it starting accidentally by remote control.

Note: Once the Home Valet Mode is activated, the vehicle will not start by remote.

To take the system into Home Valet Mode:
Press the **LOCK** or **UNLOCK** button.
Within 5 seconds, press the Lock and **START/STOP** button simultaneously.
The transmitter will beep once and the Home Valet icon will start flashing.
The icon will flash until the vehicle exits Home Valet Mode.

To take the system out of Home Valet Mode:
Turn the ignition key to the **IGNITION ON (RUN)** position.

The system will warn you if someone attempts to start your vehicle while it stands in Home Valet Mode. The parking lights will:

Go **ON** then **OFF**; then
Flash **twice**, pause; then
Flash **twice** again.

Remote Valet Mode

This feature will allow you to remotely put your system into Valet Mode by using the transmitter instead of the Valet button as above.

Getting into Remote Valet Mode

- Hold the **UNLOCK** and **START/STOP** buttons simultaneously for 3 seconds.
- **The Parking Lights will flash 3 times.**

The Transmitter will BEEP once and will display the icon; the LED will remain on solid.

Getting out of Remote Valet Mode

- Hold the **UNLOCK** and **START/STOP** buttons simultaneously for 3 seconds.
- The Parking Lights will flash 2 times.

The Transmitter will BEEP once and the icon will disappear; the LED will turn off.

Note:

With the Remote Valet activated, the remote starter function will be disabled.

Panic Mode

In an emergency situation, you can activate Panic Mode using the **LOCK** or **UNLOCK** button. This will:

- shut down the engine,
- unlock the doors (with the **UNLOCK** button)
- or lock the doors (with the **LOCK** button),
- disarm the Starter Kill and
- activate the activate the siren for 1 minute.

Note: See the description of the **starter kill** option later in this guide.

To activate panic mode:

Press and hold the **UNLOCK** button for approximately 3 sec. until the sound signal starts and the parking lights flash: this will unlock the doors before the sound signal starts.

Or press and hold the **LOCK** button for approximately 3 seconds until the sound signal starts and the parking lights flash: this will lock the doors before the sound signal starts.

Panic Mode will automatically shut down after 1 minute.

Note: To stop Panic Mode before the end of its delay, press the **LOCK** or **UNLOCK** button until the sound signal stops.

Quick Lockout™

(Also called **Secure Panic**.) For fast protection in emergency situations, the system will **LOCK** all doors when you **press the brake pedal while you hear the sound signal**. (**Quick Lockout** is only available when **panic mode** has been set off.)

Cold Weather Mode

When cold weather mode is active, the engine starts every 2 hours and runs for 4 minutes (or for 9 or 20 minutes with diesel engines). Cold weather mode automatically ends after 24 hours.

To enter cold weather mode:

Press the **FUNCTION** button 501 will appear on the display. Press and hold the **START/STOP** button for 3 seconds until the parking lights flash three times.

There will be a beep and the icon will appear on the display.

To exit cold weather mode, do any one of the following actions:

Open the hood.

Start the engine by remote.

Turn the ignition key to the **IGNITION ON (RUN)** position.

Press the **FUNCTION** button 501 will appear on the display.

Press and hold the **START/STOP** button for 3 sec. ***(the parking lights will flash once)***.

When the system exits cold weather mode, the icon will disappear from the display. To verify whether the system is in cold weather mode:

Press and release the brake pedal:

If the vehicle is in cold weather mode, the parking lights will stay on while the pedal is pressed.

Temporary Chirp Delete

To temporarily disable the chirp confirmations of the siren upon arming and disarming (e.g. in a quiet neighbourhood):

1. Press the **TRUNK** button.
2. Within 3 sec., press the **LOCK** or **UNLOCK** button to arm or disarm without any chirps.

Advanced Features: Installation-programmable Options

The System was designed with flexibility and OEM integration in mind. With its programmable options, this unit can single-handedly control nearly any electrical system in your vehicle.

Caution: The programming of your system should be left to a professional. Changing any one of the settings may affect the operation of your System.

The installation-programmable options are as follows:

- Remote Door Locks
- Priority Door Access
- Passive or Active Arming
- Starter Kill / Anti-grind feature
- Shock Sense and Warn-away
- Disarmed Notification
- Siren / Horn Chirps
- Car Finder
- Siren / Horn Chirp Timing
- Safe Start
- Ignition-controlled Door Locks
- Ignition Re-lock
- Secure Lock
- Turbo Mode
- Remote Trunk Release

Remote Door Locks
If your System was installed with the Remote Door Locks option, you will have the convenience of remote keyless entry. See section **Arming and Disarming the System**, earlier in this Guide, for further instructions on remote door locking and unlocking.

Priority Door Access
(Enabled by default.) If the Remote Door Locks option is installed on your vehicle, this safety feature allows you unlock solely the driver's door with a single press of the **UNLOCK** button on the transmitter; upon a second press of the **UNLOCK** button, all the other doors will unlock.

Active or Passive Arming
(Passive Mode by default.) The alarm and Starter Kill can be configured either to Passive Mode (so as to arm automatically) or Active Mode (so as to require user intervention for arming). By default, your System is configured to **Passive Mode**. In Passive Mode, the alarm and Starter Kill will automatically arm **30 seconds** after the last door is closed. The System will not arm if a door is left open, or if you re-open a door within the 30-second delay.

Important note: When the System re-arms automatically or if there is an alarm condition, you can disarm the When the System by simply pressing the **UNLOCK** button.

The Starter Kill and the Anti-grind Feature
With this added security feature, the system will prevent your vehicle from starting with the ignition key when the Starter Kill is armed. If your System was installed with the Starter Kill option, one will not be able to start your vehicle with the key unless the system has been unlocked and disarmed first, or put into Valet Mode.

Note: If the Starter Kill is installed, your vehicle will benefit from a protection against starter motor damage that could occur after remote-starting the engine should the user, by force of habit, turn the ignition key to the **CRANK** position.

Shock Sense, Warn-away Sense
(Both enabled by default.) Your System will react to a full shock by triggering the alarm; it can also respond to a lighter shock (30 % of the strength of a full shock) by giving a **warn-away** (without triggering an alarm condition). When the engine is running after a remote start, however, **the System will prevent any alarm condition to be triggered;** it will still give a warn-away if this feature has not been disabled at installation.

Note: After a remote start, although the shock sensor is disabled, all the other alarm-triggering zones, such as the doors or the hood, may still trigger an alarm.

Disarmed Notification
(Off by default.) This feature will notify the user when the vehicle was left disarmed: after the engine is shut down (with the key removed) and all doors are closed, the siren will chirp once after a 10-sec. notification delay to warn the user that the vehicle was left unprotected. The notification can be avoided by pressing the **LOCK** or **UNLOCK** button on the transmitter.
The user will likewise be notified after the System is disarmed using the transmitter.

Siren or Horn Chirps
(**ON** by default.) The siren will chirp to confirm basic operations on the System:

By default, upon **locking** the doors the siren will give **one chirp** if no protection zone is active.
If a **zone is active** as the doors are being **locked**, the siren will give **three chirps**.
When the doors are being **unlocked**, the siren will give **two chirps** if no intrusion was detected.
If an **intrusion was detected**, as the doors are being **unlocked** the siren will give **four chirps**.
The system can alternatively be set to:

Warning Mode: no chirp during lock/unlock…
unless a zone is active when locking, in which case there will be 3 chirp upon locking
or unless the alarm was triggered, in which case there will be 4 chirps when unlocking);

Open Zone Notification Mode: 3 warning chirps if a door is left open 10 sec. after arming.

No Chirp: the siren will not chirp under any circumstance.

Car Finder
(Enabled by default.) When enabled, the Car Finder option will help you locate your vehicle by generating a pulsating signal through the horn or the siren. To hear the signal, press the **LOCK** and **UNLOCK** buttons simultaneously. This will cause a pulsating signal lasting for the time you keep the buttons pressed.

Siren or Horn Chirp Timing
The duration of the chirps can be adjusted at installation (from 5 to 200 ms).

Safe Start
(Disabled by default.) If this feature is enabled, the user must press the **START/STOP** button 2 times within 3 seconds to remote-start the vehicle. This will eliminate accidental remote starts, e.g. when children are playing with the transmitter.
If **Swap Start Mode** is selected, to remote-start your vehicle press **FUNCTION** followed by the **LOCK** button. The **AUX 2** output can be activated by pressing the **START/STOP** button.

Home Valet ™
(Disabled by default.) If this feature is installed, the user will have the possibility to remotely set the vehicle to a no-remote-start mode. See **Home Valet** section, earlier in this Guide, for full instructions.

Ignition-controlled Door Locks
(Enabled by default.)This is an added security feature. If your Systems was installed with the Ignition-Controlled Door Locks option, the doors will automatically be locked as soon as the ignition key is turned to the **IGNITION ON (RUN)** position while the brakes are pressed. When the key is turned to the **OFF** position, the doors will automatically be unlocked.

Ignition Re-lock
On Systems of this series, when Ignition-controlled Door Locks are enabled and the ignition key is in the **IGNITION ON (RUN)** position, should any door be unlocked and opened, all doors will be relocked next time the brake pedal is pressed.

Secure Lock
(Disabled by default.) Before it can remote-start your vehicle, the System must first disarm the factory security system. The Secure Lock feature may be required on certain vehicle models with factory security systems that automatically unlock the doors when the security system is disarmed.
To keep your vehicle protected when the factory security system is disarmed for a remote start, Secure Lock will relock your doors as soon as the vehicle has started. Once the engine run cycle ends, Secure Lock will rearm your factory security system.

Turbo Mode
(Enabled by default.) When left in Turbo Mode, the System will keep the engine running for 60 seconds before shutting it down. This is to allow a turbocharger to idle down after the user leaves the vehicle. See **Turbo Mode** section earlier in this Guide.

Remote Trunk Release
If your system was installed with the Remote Trunk Release option, you can open your trunk by pressing the **TRUNK** button for 3 seconds on the remote transmitter or by pressing the **TRUNK** button **TWICE** within 3 seconds.

Engine Run Time
(15/20 minutes by default.) If you have a gas engine, your System can be programmed to run the engine for 4, 15, or 25 minutes (15 minutes by default). If you have a diesel engine, the System can be programmed to run the engine for 9, 20, or 30 minutes (20 minutes default).

Multi-car Operation
This option allows the owner of two vehicles, both equipped with System systems, to control both systems with a single remote control. To control the second vehicle, simultaneously press the **TRUNK** button and the button of the function you wish to use. See the transmitter operation table earlier in this Guide. for full instructions on second car operation.

Note: Your remote control must be configured for second car operation by the installer.

Missing a Start or a Stop Confirmation

If you have not received a start or the stop confirmation after pressing the **START/STOP** button, simply press the **LOCK** button. Pressing the **LOCK** button will refresh the display and will confirm if the vehicle was started or stopped.

The Start Confirmation Was Not Received

If after remote starting the vehicle no confirmation was received, simply press the **LOCK** button, this will refresh the display. If the vehicle was started successfully, the smoke icon and the hourglass icon will appear as well as the run time countdown. Pressing the **LOCK** button will also lock all doors (the lock icon will appear). If the doors were already locked prior to pressing the **LOCK** button, there will be no change in the status of the doors —i.e. the doors will remain locked.

- On models where starter kills were installed, pressing the **LOCK** button will also activate the starter kill.
- On alarm models, pressing the **LOCK** button will also activate the monitoring.

The Stop Confirmation Was Not Received

If after remote stopping the vehicle no confirmation was received —i.e. the display did not return to its basic state— simply press the **LOCK** button, this will refresh the display. If the engine was stopped, the smoke icon and the hourglass icon will disappear and the time will be displayed.

Pressing the **LOCK** button will also lock all doors (the lock icon will appear). If the doors were already locked prior to pressing the **LOCK** button, there will be no change in the status of the doors —i.e. the doors will remain locked.

- On models where starter kills were installed, pressing the **LOCK** button will also activate the starter kill.
- On alarm models, pressing the **LOCK** button will also activate the monitoring.

Multi-Level Features (*default state)*

Basic Features (*press the* **FUNCTION** button *1X)*

FUNCTION ➢ **LOCK**: ..... aux 2
FUNCTION ➢ **START/STOP** ..... cold weather

Multi-Car Operation (*press the* **FUNCTION** button *2X)*

FUNCTION ➢ **FUNCTION** ➢ **LOCK:** ..... 2nd car lock
FUNCTION ➢ **FUNCTION** ➢ **UNLOCK:** ..... 2nd car unlock
FUNCTION ➢ **FUNCTION** ➢ **START/STOP:** ..... 2nd car start/stop
FUNCTION ➢ **FUNCTION** ➢ **TRUNK:** ..... 2nd car trunk

Customized Features (*press the* **FUNCTION** button *3X)*

(*May not be compatible with some vehicles*)

Your installer can add customized features such as turning on the radio, opening sliding doors, etc.

FUNCTION ➢ **FUNCTION** ➢ **FUNCTION** ➢ **LOCK:** ..... customized feature 1
FUNCTION ➢ **FUNCTION** ➢ **FUNCTION** ➢ **UNLOCK:** ..... customized feature 2
FUNCTION ➢ **FUNCTION** ➢ **FUNCTION** ➢ **START/STOP:** ..... customized feature 3
FUNCTION ➢ **FUNCTION** ➢ **FUNCTION** ➢ **TRUNK:** ..... customized feature 4

By default, the multi-level features are programmed as follows:

- Level 1 (Basic Features)
- Level 2 (Multi car operation)
- Level 3 (Customized Features)

Accessing the Multi-Level Features and Other Transmitter Functions

- To access a Level 1 feature, press and hold the **FUNCTION** button until you hear a "beep"; within three seconds of hearing the "beep", release the **FUNCTION** button. 501 will be displayed. This

display means that you are now in Level 1. Simply press the corresponding button to access the desired feature.

- To access a Level 2 feature, press and hold the **FUNCTION** button until you hear a "beep within three seconds of hearing the "beep", release the **FUNCTION** button and press and release the **FUNCTION** button once more. 502 will be displayed. This display means that you are now in Level 2. Simply press the corresponding button to access the desired feature.
- To access a Level 3 feature, press and hold the **FUNCTION** button until you hear a "beep"; within three seconds of hearing the "beep", release the **FUNCTION** button and press and release the **FUNCTION** button two more times. 503 will be displayed. This display means that you are now in Level 3. Simply press the corresponding button to access the desired feature.
- To access the transmitter functions (clock and alarm adjustments), press and hold the **FUNCTION** button until you hear a "beep"; within three seconds of hearing the "beep", release the **FUNCTION** button and press and release the **FUNCTION** button three more times. There will be two quick "beeps" indicating that you are now in the transmitter functions adjustment menu. The Hour position will be flashing. Simply press and release the **FUNCTION** button until you reach the desired location and proceed with the adjustment by pressing the **START/STOP** or **TRUNK** buttons.

Your installer can customize the system as to personalize these multi-level features in an order that best suits you. Your options are:

Option 1:		
Level 1 (requires pressing the **FUNCTION** button 1X)	→	Multi car operation
Level 2 (requires pressing the **FUNCTION** button 2X)	→	Basic features
Level 3 (requires pressing the **FUNCTION** button 3X)	→	Customized features
Option 2:		
Level 1 (requires pressing the **FUNCTION** button 1X)	→	Basic features
Level 2 (requires pressing the **FUNCTION** button 2X)	→	Multi car operation
Level 3 (requires pressing the **FUNCTION** button 3X)	→	Customized features
Option 3:		
Level 1 (requires pressing the **FUNCTION** button 1X)	→	Customized features
Level 2 (requires pressing the **FUNCTION** button 2X)	→	Multi car operation
Level 3 (requires pressing the **FUNCTION** button 3X)	→	Basic features
Option 4:		
Level 1 (requires pressing the **FUNCTION** button 1X)	→	Basic features
Level 2 (requires pressing the **FUNCTION** button 2X)	→	Customized features
Level 3 (requires pressing the **FUNCTION** button 3X)	→	Multi car operation

Example: If the multi-level features were set to option 3, the setup would be as follows:

- Level 1 → Customized feature
- Level 2 → Multi car operation
- Level 3 → Basic features

The **"**Basic features" are now programmed as level 3 and therefore:

- To access the aux. 2 feature, the user needs to press on the **FUNCTION** button three (3) times followed by the **LOCK** button.
- To access cold weather mode, the user needs to press on the **FUNCTION** button three (3) times followed by the **START/STOP** button.

L.E.D. Intrusion Codes

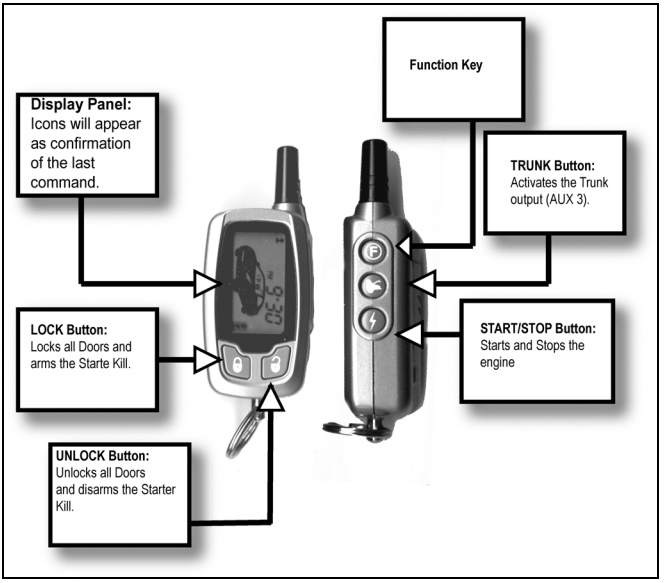
If an intrusion took place while your vehicle was locked and the system was armed, the L.E.D. will provide feedback on the intrusion. The L.E.D. intrusion codes are flashed by the L.E.D. in continuous loops and are as follows:

1 flash = power-up reset: battery disconnected and reconnected, or dead battery.
2 flash = doors intrusion
3 flash = shock sense
4 flash = hood
5 flash = panic
6 flash = ignition

Troubleshooting Poor Transmitting Range

- Many factors may affect the operating range of the transmitter. Some of these are:
- The condition of the battery in the transmitter.
- The operating environment (for example: downtown radio-frequency noise, airports, cellular phone towers…)
- Metal: any type of metal will affect operating range. This includes the metal in the car.
- The shape of the vehicle can affect range as well; vans in general have an especially poor range.
- The shape of the roof and A-pillars brings about considerable radio-frequency deflection (in this case the signal from the remote control). As a result, the direction in which the vehicle is facing in relation to the remote control can affect the range. Straight on – standing in front of the vehicle – generally gives you the greatest range; the second best performance is from the back. Using the remote control from either side of the vehicle will usually give the lowest range.
- The range will be significantly lower in a crowded parking lot than in open space.
- Always hold the transmitter high, approximately at shoulder height. Holding the transmitter against your chin will also increase your range: your head acts as an antenna.
- The operating range will be somewhat lower on vehicles equipped with an aftermarket or factory alarm.

Using the Remote Control


Function Key
Display Panel: Icons will appear as confirmation of the last command.
TRUNK Button: Activates the Trunk output (AUX 3).
LOCK Button: Locks all Doors and arms the Starte Kill.
START/STOP Button: Starts and Stops the engine
UNLOCK Button: Unlocks all Doors and disarms the Starter Kill.

The transmitter offers several command-confirmation and timer features. This section explains some of the key transmitter functions that are available. The following section gives a summary of the button combinations used to access those functions.

Note:
If you wish to exit a function while still in the process of accessing it, simply stop and wait for at least 10 seconds: the transmitter will return to its normal state.

LCD Transmitter Operation (*First Car Control*)

Basic Vehicle Operation

FUNCTION	BUTTON PRESSED	ICON	BUZZER	INSTRUCTIONS /DESCRIPTION
LOCK			1 Beep	Locks the doors and arms the Starter Kill (if installed) and the alarm.
UNLOCK			2 Beeps	Unlocks the doors and disarms the Starter Kill (if installed) and the alarm.
TRUNK or AUX 3			1 Beep	Trunk output
START * (see Runtime Options below)			1 beep before engine starts followed by melody when started	Starts the engine
STOP		None	Melody	Stops the engine
Light ON	F	ON for 5 seconds		Press the F button once.

Transmitter Mode Selection

FUNCTION	BUTTON PRESSED	ICON	BUZZER	INSTRUCTIONS /DESCRIPTION
POWER-SAVING MODE	+ (F +)	S	Melody	Press the **UNLOCK** button then press **FUNCTION** and **LOCK** simultaneously for 1 second.
VIBRATION MODE	F +		Vibrates twice	Press F and for 1 second.
ALARM CLOCK MODE ON/OFF	F +	AM PM 8:88	Melody	Press once to switch the Alarm Clock **ON** Press twice to switch the Alarm Clock **OFF**

Time or Alarm Clock Adjustments

User	Transmitter
1. Press **and hold** the **FUNCTION** button until a beep is heard	The backlight will turn on the moment the **FUNCTION** button is pressed.
2. Upon hearing the beep, release the **FUNCTION** button,	..... 501 is displayed
3. Press and hold the **FUNCTION** button once more	
4. Release the **FUNCTION** button when a beep is heard,	..... 502 is displayed
5. Press and hold the **FUNCTION** button once more until a beep is heard,	
6. Release the **FUNCTION** button	..... 503 is displayed
7. At that point, press and hold the **FUNCTION** button until 2 beeps are heard.	.....The hour setting will start to flash.

Pressing the **FUNCTION** button

1X .....Adjust hour (current time)
2X ..... Adjust minutes (current time)
3X .....Adjust hour (Alarm)
4X ..... Adjust minutes (Alarm)
5X ....Melody selection for the ringing of the alarm
6X .....Activate (ON) / Deactivate (OFF) Alarm
7X .....Adjust hour (countdown)
8X ..... Adjust minutes (countdown)
9X ..... Melody selection for the countdown
10X . Activate (ON) / Deactivate (OFF) countdown

a. Press the button to **increase** the value or to activate or deactivate a function or to toggle through the melodies.

b. Press the to **decrease** the value or to activate or deactivate a function or to toggle through the melodies.

c. To save modifications**, do not touch any buttons for approx 5 to 10 seconds**. There will be a beep and the display will return to the time.

Cold Weather Mode

Function	Button pressed	Icon	Sound	Instructions /description
To enter cold weather mode	F until beep	501	1 Beep	Press F until beep and then press and hold for 3 seconds.
	for 3sec	24H	1 Beep	
To exit cold weather mode	F until beep	501	1 Beep	Press F until beep and then press and hold for 3 seconds.
	for 3sec	none	none	

Home ValetTM

FUNCTION	BY PRESSING	ICON	BUZZER	INSTRUCTIONS / DESCRIPTION
TO ENTER HOME VALET ™ MODE	**Step 1 :** or **Step 2 :** + simultaneously within 5 sec.		1 BEEP	Press or within 5 seconds, press + . The remote control will display the icon and you will hear 1 beep.
TO EXIT HOME VALET ™ MODE	NONE	NONE	NONE	Insert the key in the ignition switch and turn it to the **IGNITION ON / RUN** position. The icon will disappear.

Parking Count Down

FUNCTION	BY PRESSING	ICON	BUZZER	INSTRUCTIONS / DESCRIPTION
FOR PARKING COUNTDOWN:	F+ 1 time	0:10	Melody	10 MIN COUNT DOWN
	F+ 2 times	0:20	Melody	20 MIN COUNT DOWN
	F+ 3 times	0:30	Melody	30 MIN COUNT DOWN
	F+ 4 times	1:00	Melody	60 MIN COUNT DOWN
	F+ 5 times	1:30	Melody	90 MIN COUNT DOWN
	F+ 6 times	2:00	Melody	120 MIN COUNT DOWN
	F+ 7 times	0:00	Melody	PARKING COUNT DOWN OFF

Safe Start Mode

FUNCTION	BY PRESSING	ICON	BUZZER	INSTRUCTIONS / DESCRIPTION
START ON SAFE START MODE	X 2	+	Melody	Press the button for 1 second (melody) then press again for 1 second.
STOP ON SAFE START MODE		None	Melody	

*Runtime (*Cannot be programmed. Serves as indication only.*)

FUNCTION	BY PRESSING	ICON	GAS	DIESEL

ENGINE RUNTIME			4 minutes	9 minutes
			15 minutes	20 minutes
			25 minutes	30 minutes

LCD Transmitter Operation (*Second Car Control*)

Basic Vehicle Operation

FUNCTION	BUTTON PRESS	ICON	BUZZER	DESCRIPTION
LOCK	+		1 Beep	Locks the doors and arms the Starter Kill (if installed) and the alarm.
UNLOCK	+		2 Beeps	Unlocks the doors and disarms the Starter Kill (if installed) and the alarm.
START	+	+	Melody	Starts the engine
STOP	+	None	Melody	Stops the engine

Start and Stop While in Safe Start Mode

FUNCTION	BUTTON PRESS	ICON	BUZZER	DESCRIPTION
START ON SAFE START MODE	+ X 2	+	Melody	Press the and buttons simultaneously **twice** within 3 seconds. Press for 1 second (a melody will be heard) then press 1sec and a melody will be heard again.
STOP ON SAFE START MODE	+	None	Melody	

Diagnostics – Chirps Table

Chirps	Description
1	• Doors locked, alarm and starter kill armed. • **LOCK** confirmation. • Entering mode 1 in the programming centre. • Disarmed notification
2	• Doors unlocked, alarm and starter kill disarmed. • Transmitter programmed. • Entering mode 2 in the programming centre • Tach learned.
3	• **LOCK** and arm while a zone is left unprotected. • Entering mode 3 in the programming centre. • Door zone left unprotected.
4	• **UNLOCK** and disarm: an intrusion was detected (in warning chirps mode or full chirps mode). • Entering tach-programming mode.
5	• Siren or horn chirp timing adjustment
Constant up to 30 seconds	• In horn mode: alarm condition generated by an intrusion, by panic mode or when the system is powered up. the horn will sound for 30 sec.
Constant up to 60 seconds	• In siren mode: alarm condition generated by an intrusion, by panic mode or when the system is powered up. the siren will sound for 60 sec.

Diagnostics – Parking Light Flash Table

Flashes	Description
1	• Doors locked, Alarm and Starter Kill armed. • End of Run Time. • **TRUNK** button pressed • Start signal received by the System. • Cold Weather Mode cancelled. • Cannot start after maximum number of attempts is reached.
2	• Doors unlocked, alarm and starter Kill disarmed. • Run time cancelled. • Exit remote valet. • Exit ignition valet • Remote start attempt cancelled by remote.
3	• Entering cold weather mode. • Entering remote valet. • Entering ignition valet
4	• +12 V where detected on the brake line and cranking was cancelled. • Entering tach-programming mode
5	• New transmitter programmed. • Tach programmed.
6	• A remote start was attempted while a tach or a vacuum signal was detected before cranking.
8	• Unit reset: occurs when the unit is reset to the factory defaults.
10	• The hood switch line went to ground during cranking or run time.
1 – pause – 2	• There was an attempt to start the vehicle while the system was in valet mode.
2 – pause – 2	• There was an attempt to start the vehicle while the system was in home valet mode.
ON solid	• Cold weather mode: the Brake Pedal is being held down.
ON 2 sec.	• The Hood is up and the Hood Switch line went to ground. This is step one of the Programming Centre procedure.
ON 3 sec.	• First press of the **START/STOP** button under Safe Start.
ON 4 sec.	• Locking or unlocking a door (with Door pulses configured to 4 sec.)
ON 25 sec.	• The hood pin-switch has been pressed twice: the unit went into step 1 of the programming centre procedure, and no transmitter activity was detected for 20 seconds. • **Or** the unit went into step 1 of the transmitter programming procedure and no activity was detected for a few seconds. The unit has exited the transmitter programming procedure.
Irregular	• If the unit gives irregular signals (1 to 10 flashes followed by a pause, followed by further flashes), the system is playing back start failure codes. This occurs when the hood pin-switch is pressed three times.
Constant flashes up to 30 sec.	• In horn mode: alarm condition generated by an intrusion, by panic mode or when the system is powered up.
Constant flashes up to 60 sec.	• In siren mode: alarm condition generated by an intrusion, by panic mode or when the system is powered up.